

WHAT IS CLAIMED IS:

Sub A77
1. A disk reproducing apparatus comprising: a main body;
a frame which is pushed out from, or drawn in said main body, ;
5 a disk tray which is rotatably attached to said frame, for
mounting a plurality of disks; an optical pick-up unit for
reproducing recording data recorded in said disk; and a turn
table for holding and rotating said disk

10 wherein said optical pick-up unit operated along with
a turn table for holding and rotating said disk, is located
between a rotation center of said disk tray and said front
panel of said main body in said state in that said frame is
drawn in said reproducing apparatus.

15 2. A disk reproducing apparatus comprising: a main body;
a frame which is pushed out from, or drawn in said main body , ;
a disk tray, which is rotatably attached to said frame, for
mounting a plurality of disks; and an optical pick-up unit
for reproducing recording data recorded in said disk;

20 wherein said optical pick-up unit operated along with
a turn table for holding and rotating said disk, is located
between a rotation center of said disk tray and a front panel
of said main body and said rotation center of said disk tray,
at a rotation angle range of 36 - 108 deg., in said state
25 in that said frame is drawn in said main body.

Sub A7
Concl.

3. A disk reproducing apparatus comprising: a main body;
a frame which is pushed out from, or drawn in said main body,;
a disk tray, which is rotatably attached to said frame, for
5 mounting a plurality of disks; and an optical pick-up unit
for reproducing recording data recorded in said disk;

wherein said optical pick-up unit operating along with
a turn table for holding and rotating each disk, is located
10 so that a line between a rotation center of said disk tray
and a rotation center of said turntable intersects a line
virtually drawn perpendicularly between a front panel of
said main body and the rotation center of said disk tray plate,
at a rotation angle range of 36 - 90 deg., in the state in
15 that said frame is drawn in said main body.

4. A disk reproducing apparatus according to any one of
claims 1 - 3, various kinds of output terminals are arranged
in a rear panel of said main body.